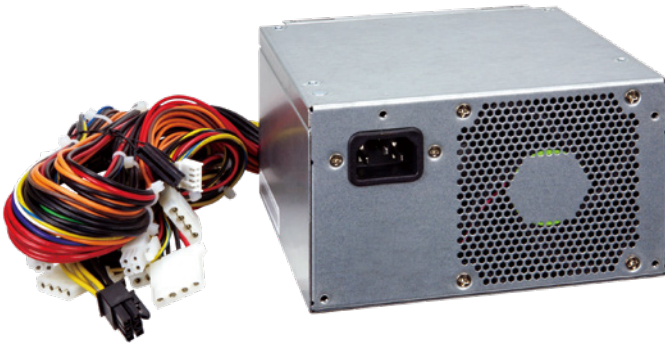


# ACE-A140B

400 W PS/2 ATX Power Supply with ErP



## Ordering Information

Part No.	Description
ACE-A140B-R11	400W AC-DC PS/2 ATX Power Supply with ErP, meets 80 PLUS (Bronze)

## Specifications

Input	Voltage	90~264 VAC Full Range		
	Frequency	47 Hz ~ 63 Hz		
Input Current	5A (RMS)@115VAC, 2.5A (RMS)@230VAC			
Inrush Current	80A max. for 115VAC 160A max. for 230VAC			
Output	Voltage	Min. load	Max. load	Ripple & Noise
	+3.3V	0 A	21 A	50mV
	+5V	0.2 A	16 A	50mV
	+12V1	0.05A	17 A	120mV
	+12V2	0 A	17 A	120mV
	-12V	0 A	0.5 A	120mV
	-5V	0 A	0.1 A	100mV
	+5VSB	0 A	3 A	50mV
The +3.3V and +5V total output shall not exceed 103W.				
Total output for this power supply is 400 watts.				
Over Voltage Protection	+3.3V: 3.76V-4.3V			
	+5V: 5.74V-7.0V			
	+12V1 and +12V2: 13.4V-15.6V			
Short Circuit Protection	+3.3V, +5V, +12V or -12V shutdown and latch off			
General Specifications	Watt	400W		
	PFC	Active		
	Hold-up Time	16 ms min.		
	Efficiency	87%		
	MTBF	100000 hours		
	Temperature	Operating: 0°C ~ 50°C Storage: -20°C ~ 80°C		
	Dimensions (mm)	140 x 150 x 86		
	Output Connector	1 x 20+4-PIN ATX, 2 x 4-pin 12V CPU, 8 x HDD/CDROM, 1 x Graphics card power, 2 x FDD, 2 x SATA		

## Dimensions (Unit: mm)

REF. ID.	PN NO.	SIGNAL	WIRE COLOR	GAUGE	CONDUCTOR TYPE	CABLE LENGTH
P1	1	+3.3VDC	ORANGE	18	WST	500±10mm
	2	+3.3VDC	ORANGE	18	P4-A10000 or BQ10V	
	3	COM	BLACK	18	WST	
	4	+5VDC	RED	18	P4000X11D or BQ10V	
	5	COM	BLACK	18	WST	
	6	+5VDC	RED	18	WST	
	7	COM	BLACK	18	WST	
	8	PS-OK	GRAY	22	WST	
	9	+5Vsb	PURPLE	18	WST	
	10	+12V1	YELLOW	18	WST	
	11	+12V2	YELLOW	18	WST	
12	+3.3VDC	ORANGE	18	WST		
13	+3.3VDC	ORANGE	18	WST		
14	+3.3VDC	ORANGE	18	WST		
15	COM	BLACK	18	WST		
16	PS-ON	GREEN	18	WST		
17	COM	BLACK	18	WST		
18	COM	BLACK	18	WST		
19	COM	BLACK	18	WST		
20	-5V	WHITE	22	WST		
21	+5VDC	RED	18	WST		
22	+5VDC	RED	18	WST		
23	+5VDC	RED	18	WST		
24	COM	BLACK	18	WST		
P2	1	COM	BLACK	18	WST	500±10mm
	2	COM	BLACK	18	P4-A10000K4B or BQ10V	
	3	COM	BLACK	18	WST	
	4	COM	BLACK	18	WST	
P3	1	+12V1	YELLOW	18	WST	500±10mm
	2	+12V1	YELLOW	18	WST	
	3	+12V1	YELLOW	18	WST	
	4	COM	BLACK	18	WST	
PA	1	+12V2	YELLOW	18	WST	400±15mm
	2	COM	BLACK	18	WST	
PB	1	+5V	RED	18	WST	200±10mm
	2	COM	BLACK	18	WST	
PC	1	+12V1	YELLOW	18	WST	400±10mm
	2	COM	BLACK	18	WST	
PD	1	+5V	RED	18	WST	200±10mm
	2	COM	BLACK	18	WST	
PH	1	+12V1	YELLOW	18	WST	400±10mm
	2	COM	BLACK	18	WST	
PI	1	+5V	RED	18	WST	200±10mm
	2	COM	BLACK	18	WST	
PJ	1	+3.3VDC	ORANGE	18	WST	155±10mm
	2	COM	BLACK	18	WST	
PK	1	+5V	RED	18	WST	155±10mm
	2	COM	BLACK	18	WST	
PL	1	+3.3VDC	ORANGE	18	WST	155±10mm
	2	COM	BLACK	18	WST	